

Appl. No. 09/915,862  
Amdt. dated March 21, 2005  
Reply to Office Action of December 22, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A method for managing use of a software code by a selected application program, comprising:  
configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code used by the selected application program;  
detecting the use of the software code, wherein the detecting is not performed by the software code;  
identifying the selected application program that is using the software code; and confirming a conflict between the selected application program and the software code,  
wherein the conflict between the selected application program and the software code is confirmed after the use of the software code has been detected.

Claim 2 (Cancelled)

Claim 3 (Previously Presented): The method of claim 1, wherein configuring the database further includes:

obtaining information relating to at least one of the plurality of application programs and corresponding at least one designated software code in a non-automated fashion.

Claim 4 (Previously Presented): The method of claim 1, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code; and  
entering the information into the database.

Claim 5 (Previously Presented): The method of claim 1, wherein configuring the database further includes:

entering information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by using a snapshot of installation activity required for the at least one of the plurality of application programs.

Claim 6 (Previously Presented): The method of claim 1, wherein at least one of the plurality of applications programs is associated with a system resident installation package, and wherein configuring the database further includes:

entering information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the system resident installation package.

Claim 7 (Previously Presented): The method of claim 1, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code is not the same as the corresponding at least one designated software code.

Claim 8 (Original): The method of claim 7, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code used by the selected application program, and wherein determining that the improper software code is not the same as the corresponding at least one designated software code further includes:

determining the version number of the corresponding at least one designated software code and the version number of the software code used by the selected application program; and  
comparing the version number of the corresponding at least one designated software code to the version number of the software code used by the selected application program.

Claim 9 (Original): The method of claim 1, wherein the software code is a software library, and wherein detecting use of the software code further includes:

enabling detection of a library loading operation.

Claim 10 (Original): The method of claim 9, wherein enabling detection of a library loading operation further includes:

setting a software hook activated by the library loading operation.

Claim 11 (Original): The method of claim 1, further including:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated

Appl. No. 09/915,862  
Amdt. dated March 21, 2005  
Reply to Office Action of December 22, 2004

software code is the same as the software code used by the selected application program.

Claim 12 (Original): The method of claim 1, wherein identifying the selected application program further includes:

determining a file name of the selected application program.

Claim 13 (Original): The method of claim 1, wherein the selected application program has an application version number, and wherein identifying the selected application program further includes:

determining the application version number.

Claim 14 (Original): The method of claim 1, further including:  
reporting the conflict; and  
alerting a selected party regarding the conflict.

Claim 15 (Original): The method of claim 14, wherein the selected party is an end user of the selected application program.

Claim 16 (Original): The method of claim 1, further including:  
reporting the conflict; and  
activating an alarm.

Claim 17 (Currently Amended): A computer workstation, comprising:  
a processor module; and

a machine-accessible medium communicatively coupled to the processor module, the machine-accessible medium having instructions associated therewith for managing use of a software code by a selected application program, which when executed are capable of causing the processor module to perform:  
configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code used by the selected application program;  
detecting the use of the software code, wherein the detecting is not performed by the software code;  
identifying the selected application program that is using the software code; and confirming a conflict between the software code and the selected application program,  
wherein the conflict between the selected application program and the software code is confirmed after the use of the software code has been detected.

Claim 18 (Cancelled)

Claim 19 (Previously Presented): The computer workstation of claim 17, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code; and  
entering the information into the database.

Claim 20 (Previously Presented): The computer workstation of claim 17, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code used by the selected application program is not the same as the corresponding at least one designated software code.

Claim 21 (Original): The computer workstation of claim 20, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code used by the selected application program, and wherein determining that the software code used by the selected application program is not the same as the corresponding at least one designated software code further includes:

determining the version number of the corresponding at least one designated software code and the version number of the software code used by the selected application program; and

comparing the version number of the corresponding at least one designated software code to the version number of the software code used by the selected application program.

Claim 22 (Original): The computer workstation of claim 17, wherein the software code is a software library, and wherein detecting use of the software code further includes:

enabling detection of a library loading operation.

Claim 23 (Original): The computer workstation of claim 22, wherein enabling detection of a library loading operation further includes:

setting a software hook activated by the library loading operation.

Claim 24 (Original): The computer workstation of claim 17, further including:  
configuring a database having a plurality of application programs, wherein each one of  
the plurality of application programs corresponds to at least one designated  
software code, wherein the plurality of application programs includes the selected  
application program, and wherein the corresponding at least one designated  
software code is the same as the software code used by the selected application  
program.

Claim 25 (Currently Amended) A computer system network, comprising:  
a server comprising:  
a processor module;  
a machine-accessible medium communicatively coupled to the processor module,  
the machine-accessible medium having instructions associated therewith  
for managing use of a software code by a selected application program,  
which when executed are capable of causing the processor module to  
perform:  
configuring a database having a plurality of application programs, wherein each  
one of the plurality of application programs corresponds to at least one  
designated software code, wherein the plurality of application programs  
includes the selected application program, and wherein the corresponding  
at least one designated software code is not the software code used by the  
selected application program;  
detecting the use of the software code, wherein the detecting is not performed by  
the software code;  
identifying the selected application program that is using the software code; and

confirming a conflict between the software code and the selected application program, wherein the conflict between the selected application program and the software code is confirmed after the use of the software code has been detected; and  
a client communicatively coupled to the server, wherein execution of the selected application program is initiated by the client.

Claim 26 (Cancelled)

Claim 27 (Previously Presented) The computer system network of claim 25, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code; and  
entering the information into the database.

Claim 28 (Previously Presented): The computer system network of claim 25, wherein the database is stored on the server.

Claim 29 (Original): The computer system network of claim 25, wherein confirming a conflict between the software code and the selected application program further includes: determining that the software code is not the same as the corresponding at least one designated software code.

Claim 30 (Original): The computer system network of claim 25, further including:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is the same as the software code used by the selected application program.

Claim 31 (Currently Amended): A machine-accessible medium having instructions associated therewith for managing use of a software code by a selected application program, which when executed are capable of causing a processor module to perform:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is not the software code used by the selected application program;

detecting the use of the software code, wherein the detecting is not performed by the software code;

identifying the selected application program that is using the software code; and confirming a conflict between the improper software code and the selected application program, wherein the conflict between the selected application program and the software code is confirmed after the use of the software code has been detected.

Claim 32 (Cancelled)

Claim 33 (Previously Presented): The machine-accessible medium of claim 31, wherein at least one of the plurality of application programs is associated with an executable code, and wherein configuring the database further includes:

obtaining information relating to the at least one of the plurality of application programs and the corresponding at least one designated software code by automated examination of the executable code; and  
entering the information into the database.

Claim 34 (Original): The machine-accessible medium of claim 31, wherein confirming a conflict between the software code and the selected application program further includes:

determining that the software code used by the selected application program is not the same as the corresponding at least one designated software code.

Claim 35 (Original): The machine-accessible medium of claim 34, wherein the corresponding at least one designated software code has a version number which differs from a version number associated with the software code used by the selected application program, and wherein determining that the software code used by the selected application program is not the same as the corresponding at least one designated software code further includes:

determining the version number of the proper software code and the version number of the improper software code; and  
comparing the version number of the corresponding at least one designated software code to the version number of the software code used by the selected application program.

Claim 36 (Original): The machine-accessible medium of claim 31, wherein the software code is a software library, and wherein detecting use of the software code further includes:

enabling detection of a library loading operation.

Claim 37 (Original): The machine-accessible medium of claim 31, having instructions associated therewith which when executed are capable of causing the processor module to further perform:

configuring a database having a plurality of application programs, wherein each one of the plurality of application programs corresponds to at least one designated software code, wherein the plurality of application programs includes the selected application program, and wherein the corresponding at least one designated software code is the same as the software code used by the selected application program.